

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re application of: **Shirosaka et al.**Examiner: **H. X. C. Mancuso**Serial No.: **10/550,885**Group Art Unit: **2821**Filed: **September 27, 2005**Confirmation No.: **1713**For: **VARIABLE DIRECTIVITY ANTENNA AND VARIABLE ANTENNA SYSTEM  
USING SUCH ANTENNAS**

Commissioner for Patents  
Alexandria VA, 22313-1450

Sir:

**REPLY AND AMENDMENT UNDER 37 C.F.R. § 1.111****I. Introductory Comments**

The following remarks are responsive to the Official Action dated February 2, 2007.

Amendments to the Claims begin on Page 2 of this Paper.

Remarks begin on Page 11 of this Paper.